

*Virginia*  
**DOR**  
DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION

*Includes technical sciences, specialties and electives. Minimum requirements of 48 semester hour credits (SHC) or 72 quarter hour credits (QHC).*

## BASIC SCIENCES AND MATHEMATICS:

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			8	12

**Mathematics** - includes college algebra, trigonometry and calculus, and excludes computer programming. Minimum requirements of 12 semester hour credits (SHC) or 18 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			12	18

**Other Sciences and Mathematics** – includes college algebra, trigonometry and calculus, and excludes computer programming. Minimum requirements of 4 semester hour credits (SHC) or 6 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			4	6

**SOCIAL SCIENCES AND/OR HUMANITIES:**

**Oral and Written Communication** – Minimum requirements of 9 semester hour credits (SHC) or 13 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			9	13

**Social Sciences and Humanities** – Does not include physical education or military drill. Minimum requirements of 8 semester hour credits (SHC) or 12 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			8	12

**Other Social Sciences and Humanities** – Does not include physical education or military drill. Minimum requirements of 7 semester hour credits (SHC) or 11 quarter hour credits (QHC).

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			7	11

**BALANCE OF PROGRAM:**

Maximum of 8 semester hour credits (SHC) or 12 quarter hour credits (QHC) of cooperative education experience for professional development of technologist. Credit for work experience does not apply. No more than ½ of maximum co-op credit (4 SHC or 6 QHC) may be applied in junior/senior years. Minimum requirements of 28 semester hour credits or 42 quarter hour credits.

Institution	Course No.	Course Title	Course Hours	
			SHC	QHC
Total Hours				
TOTAL HOURS REQUIRED			28	42